

Grouper daemon "other job" GSH script to delete old database records

| | | | | | |
|---------------------------|-----------------------------------------------|--------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------------|
| Wiki Home | Grouper Release Announcements | Grouper Guides | Grouper Deployment Guide | Community Contributions | Internal Developer Resources |
|---------------------------|-----------------------------------------------|--------------------------------|------------------------------------------|-----------------------------------------|----------------------------------------------|

Job to delete records in cache table older than one day

1. Write a query that will work against some database configured in Grouper (or one which can be reached over DB link). Note, you dont need a commit

```
delete from ngss_wsproxy_cache where the_timestamp < systimestamp-1
```

2. Write a GSH script that works

```
GrouperStartup.startup();
int records = new edu.internet2.middleware.grouperClient.jdbc.GcDbAccess().connectionName
("pennCommunity").sql("delete from ngss_wsproxy_cache where the_timestamp < systimestamp-6").
executeSql();
int total = new edu.internet2.middleware.grouperClient.jdbc.GcDbAccess().connectionName
("pennCommunity").sql("select count(1) from ngss_wsproxy_cache").select(int.class);
```

3. Add in the data to go to logs

```
GrouperStartup.startup();
int records = new edu.internet2.middleware.grouperClient.jdbc.GcDbAccess().connectionName
("pennCommunity").sql("delete from ngss_wsproxy_cache where the_timestamp < systimestamp-6").
executeSql();
OtherJobScript.retrieveFromThreadLocal().getOtherJobInput().getHib3GrouperLoaderLog().addDeleteCount
(records);
int total = new edu.internet2.middleware.grouperClient.jdbc.GcDbAccess().connectionName
("pennCommunity").sql("select count(1) from ngss_wsproxy_cache").select(int.class);
OtherJobScript.retrieveFromThreadLocal().getOtherJobInput().getHib3GrouperLoaderLog().setTotalCount
(total);
```

4. Change the newlines to \$newline\$ and make an other job script config

```
otherJob.deleteNgssWsProxyCache.class = edu.internet2.middleware.grouper.app.loader.OtherJobScript
otherJob.deleteNgssWsProxyCache.quartzCron = 11 11 * * * ?
otherJob.deleteNgssWsProxyCache.scriptType = gsh
otherJob.deleteNgssWsProxyCache.scriptSource = GrouperStartup.startup();$newline$int records = new edu.
internet2.middleware.grouperClient.jdbc.GcDbAccess().connectionName("pennCommunity").sql("delete from
ngss_wsproxy_cache where the_timestamp < systimestamp-1").executeSql();$newline$OtherJobScript.
retrieveFromThreadLocal().getOtherJobInput().getHib3GrouperLoaderLog().addDeleteCount
(records);$newline$int total = new edu.internet2.middleware.grouperClient.jdbc.GcDbAccess().
connectionName("pennCommunity").sql("select count(1) from ngss_wsproxy_cache").select(int.
class);$newline$OtherJobScript.retrieveFromThreadLocal().getOtherJobInput().getHib3GrouperLoaderLog().
setTotalCount(total);
```

5. Inject that into the UI configuration screen, named as grouper-loader.properties

Home > Miscellaneous > Configure > Configuration files > Import config file

Import config file

More actions ▾

Import a config file to load configuration to the database

Config file

grouper-loader.properties

Config file to add / update settings. Must be named one of: grouper.cache.properties, grouper.client.properties, grouper-loader.properties, grouper.properties, grouper-ui.properties, grouper-ws.properties, subject.properties, grouper.text.en.us.properties, grouper.text.fr.fr.properties

6. Schedule jobs

Home > Miscellaneous > All daemon jobs

All daemon jobs

More actions ▾

Filter for:

▾

☐ Show extended results?

☐ Show only errors?

All daemon jobs

Add daemon

Loader jobs

Job history chart

Schedule jobs

| Job name | State |
|----------|-------|
|----------|-------|

7. Run the job and check results

Home > Miscellaneous > All daemon jobs > Daemon logs

Daemon logs

Filter for:

OTHER_JOB_deleteNgssWsProxyCache

Start time between:

End time between:

Last updated between:

Subjobs:

☐ Show subjobs

Status:

☐ Success
☐ Error
☐ Started
☐ Running
☐ Warning
☐ Config error
☐ Subject problems

Number of rows:

2 logs found for job name: OTHER_JOB_deleteNgssWsProxyCache

| Status | Loaded group | Job type | Start time | End time | Millis get data | Millis load data | Total count | Add count | Update count | Delete count | Unresolvable count | Log ID |
|---------|--------------|----------|-------------------------|-------------------------|-----------------|------------------|-------------|-----------|--------------|--------------|--------------------|--------|
| Success | N/A | overall | 2020-11-08 16:10:00.05 | 2020-11-08 16:10:13.619 | 13569 | | 31 | 0 | 0 | 11 | 0 | 297e2c |
| Success | N/A | overall | 2020-11-08 16:06:42.351 | 2020-11-08 16:07:05.678 | 23327 | | 42 | 0 | 0 | 0 | 0 | 297e2c |